


<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/746,132	BUSCHMANN, ULRICH 	
	<b>Examiner</b>	<b>Art Unit</b>	
	Daniel A. Hess	2876	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/7/05 amendment.
2. ☒ The allowed claim(s) is/are 2-9.
3. ☒ The drawings filed on 21 December 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|--|--|

**EXAMINER'S AMENDMENT / ALLOWANCE**

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Geza Ziegler on 4/29/2005 and 5/2/2005.

The application has been amended as follows:

**IN THE SPECIFICATION**

On page 2: The second paragraph is removed. This is the paragraph beginning with the words "This task will be accomplished..."

On page 2: In the third paragraph, the words, "Claims 1 and 2" are replaced with "the various embodiments"

On page 2: In the third paragraph, the words, "with Claim 1" are replaced with "with one embodiment"

On page 2: In the last line of the page the words "Claim 4" are replaced with "another embodiment"

On page 3: In the second paragraph, the words, "Claim 5" are replaced with "another embodiment"

On page 3: In the third paragraph, the words, "Claim 6" are replaced with "another embodiment"

On page 3: In the fourth paragraph, the words, "Claim 7" are replaced with "another embodiment"

On page 3: In the fifth paragraph, the words, "Claim 8" are replaced with "another embodiment"

IN THE CLAIMS:

2. A card reader comprising

a first slot containing an insertion aperture for inserting a card equipped with a memory;

Art Unit: 2876

a second slot also containing an insertion aperture for inserting another card equipped with memory; and

a monitoring device that prevents the logging on of ~~the another~~ a second card inserted in the said second slot when the said first slot already has the a first card inserted in it said first slot that, when the said another second card has been inserted the said second slot, monitors its said second card's position in the said second slot and logs off the first card located in the said first slot when its said first card's position changes.

3. The ~~C~~card Reader according to ~~C~~claim 2 ~~further comprising such that:~~

~~the~~ said first slot and ~~the~~ said second slot are arranged one over the other, whereby the insertion apertures of ~~the~~ said first slot and ~~the~~ said second slot point in the same direction.

4. The ~~C~~card reader according to ~~C~~claim 2 further comprising ~~that the~~ a closing device ~~that~~ is a moveable cover equipped with a stop base that exposes the insertion aperture of ~~the~~ said second slot when in its said cover's first position and that blocks the said insertion aperture when in its said cover's second position, whereby the stop base is seated against the said first card located in the said first slot to prevent the cover from moving when the said first card has been inserted in the said first slot.

Art Unit: 2876

5. The ~~C~~card reader according to ~~C~~claim 2 further comprising an ejection device on the ~~the~~ said second slot that ejects the ~~said another second~~ said card inserted in the ~~the~~ said second slot from the insertion aperture when ~~the a~~ closing device allows access to the insertion device on the ~~the~~ said second slot.

6. The ~~C~~card reader according to ~~C~~claim 5 ~~further comprising such that:~~  
the said ejection device is formed by a mechanism that supplies the mechanical energy required to eject the ~~the said another second~~ said card inserted in the ~~the~~ said second slot only after closing and/or opening the said closing device.

7. The ~~C~~card reader according to ~~C~~claim 6 ~~further comprising such that:~~  
the said ejection device has a cradle that moves in the direction of insertion and of ejection of the ~~another second~~ said card insertable in the second slot;

a gear located on a rotatable shaft that can be slid in the direction of the shaft axis whose teeth with even numbered ordinal numbers are wider in the direction of the shaft axis than the teeth with odd-numbered ordinal numbers;

a cam connected to the cradle whose front edge makes physical contact with the teeth with even-numbered ordinal numbers and whose longitudinal edge always remains a shorter distance from the teeth with odd-numbered ordinal numbers;

Art Unit: 2876

a tongue connected to ~~the~~ said closing device that can be moved not only in the direction of the shaft axis, but also in the direction of rotation of the shaft and that has a lug on its free end to mesh in the space between an even and an odd-numbered tooth of the gear;

two stationary ramps located one behind the other in the direction of rotation of the shaft that are periodically in physical contact with the front surface of the teeth with even numbered ordinal numbers and that has a first energy storage device connected to the cradle.

8. The ~~C~~card reader according to ~~C~~claim 7 further comprising ~~that there is~~ a second energy storage device that is connected to the closing device that, when the closing device is open, contains stored energy.

9. The ~~C~~card reader according to ~~C~~claim 8 further comprising ~~that there is~~ a sliding tongue connected to ~~the~~ said cradle that follows the movements of ~~the~~ said cradle whose free end is formed as a moveable hook;

and a pin on ~~the~~ said closing device that, when ~~the~~ said closing device is open to insert the ~~another~~ second card in the second slot ~~second~~, is secured by a moveable hook to prevent the release of the energy stored in ~~the~~ said second energy storage device.

*Allowable Subject Matter*

Claims 2-9 are allowed.

The following is an examiner's statement of reasons for allowance: Claim 2 had been indicated as containing being allowable, following grammatical correction. The applicant has amended every dependent claim to depend from claim 2. Additional searching by the examiner did not uncover any art that teaches or renders obvious all of the limitations of claim 2.

In particular, the limitation,

a monitoring device that prevents the logging on of second card inserted in the second slot when the first slot already has a first card inserted in it that, when the second card has been inserted in the second slot, monitors its position in the second slot and logs off the first card located in the first slot when its position changes.

(in combination with the other limitations recited in the claim) is not taught or suggested in the prior art of record.

Yap et al. (US 6,824,045) teaches certain aspects of session management when various cards are inserted into a reader such that the session of certain cards is maintained while they are removed to make room for another card. However, in this case, there is a single reader/slot.

Vaudreuil (US PG Pub No. 2002/0129527), Iwasaki et al. (US 6,137,710) and Jachimowicz et al. (US 5,763,862) all teach readers that involve multiple smart cards that must be managed, but fail to teach or fairly suggest the above limitation.

Art Unit: 2876

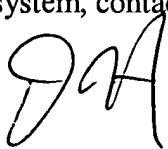
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel A. Hess whose telephone number is (571) 272-2392. The examiner can normally be reached on 8:00 AM - 5:00 PM M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



DH

5/2/2015



DANIEL STCYR  
PRIMARY EXAMINER